AMENDMENTS TO THE CLAIMS

1.   (Currently Amended) A map data processing apparatus comprising:

a map data storage unit configured to store map data;

a differential data input unit configured to input differential data representing the difference between current map data stored in the map data storage unit and the most recent map data in a script format for each version; ~~and~~

a map data multiple update unit configured to update the map data in the map data storage unit to the most recent map data using the differential data corresponding to the version;

wherein the map data multiple update unit includes a batch update data generation unit configured to generate batch update data from a plurality of pieces of differential data, where each differential data corresponds to a different version.

2.   (Original) The map data processing apparatus as claimed in claim 1, wherein the map data is made up of a plurality of elements.

3.   (Currently Amended) The map data processing apparatus as claimed in claim 1,
~~wherein the map data multiple update unit includes a batch update data generation unit configured to generate batch update data from a plurality of pieces of differential data; and~~

the map data multiple update unit uses the generated batch update data to update the map data.

4.   (Original) The map data processing apparatus as claimed in claim 1, wherein the map data multiple update unit updates a plurality of pieces of differential data in order from the differential data in an earlier version to the differential data in a later version.

5.   (Original) The map data processing apparatus as claimed in claim 1, further comprising: a map data storing unit configured to store already updated map data;

wherein the already updated map data is additionally stored in the map data storing unit.

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6.   (Original) The map data processing apparatus as claimed in claim 1, further

comprising: a map data storing unit configured to store already updated map data;

       wherein the data stored in the map data storing unit is overwritten with the updated map

data.

7.   (Currently Amended) A map data processing apparatus, comprising:

       a map data storage unit configured to store map data;

       a communication unit configured to transmit the version of the map data stored in the

map data storage unit to an external system and to receive the corresponding differential data

represented in a script format based on the version information; ~~and~~

       a map data multiple update unit configured to update the map data in the map data

storage unit to the most recent map data using the differential data;

       wherein the map data multiple update unit includes a batch update data generation unit

configured to generate batch update data from a plurality of pieces of differential data, where

each differential data corresponds to a different version.

8.   (Currently Amended) A center system, comprising:

       a communication unit configured to communicate with a map data processing apparatus;

       a differential data storage unit configured to store differential data represented in a script

format for each version; ~~and~~

       a transmission data determination unit configured to determine the differential data to be

transmitted from the differential data storage unit to the map data processing apparatus based on

version information received through the communication unit from the map data processing

apparatus;

       a batch update data generation unit configured to generate batch update data from a

plurality of differential data, each differential data corresponding to different version

information; and

wherein the differential data determined by the transmission data determination unit and/or batch data determined by batch update data generation unit are is transmitted to the map data processing apparatus through the communication unit.